

ABSTRACT OF THE DISCLOSURE

A color cathode ray tube is disclosed. A color cathode ray tube including:
a panel having a substantially flat outer surface and an inner surface having a
curvature; a funnel coupled to the panel; a deflection yoke installed at an outer
5 surface of the funnel; and a reinforcing band installed at a skirt portion of the panel,
wherein the panel and the funnel satisfy the following condition, $U/U' \geq 2.5$, when
a diagonal size of an effective surface of the panel is U , and a tube axis directional
distance from an outer surface center of the panel to a boundary portion (TOR)
between a body part and a yoke part of the funnel is U' , so that In the color
10 cathode ray tube of the present invention, a lightness and slimness of a panel can
be accomplished, and in order to compensate the weak structural strength caused
in this case, a reinforcing band position (h) is set in the range of 10.5mm ~ 20mm
to implement an optimum tensile force.